

Design of controller and monitoring system for cement bag weighing system for Quan Trieu cement plant

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Abstract: This topic focuses on designing and implementing an automation system for the cement bagging and weighing process at Quan Trieu Cement Plant. The project aims to meet the high accuracy requirements in the production process, while improving operational efficiency and minimizing human risks. Through experimental research and a comprehensive approach combining control theory and production practice, the topic is expected to provide a comprehensive solution for the cement bagging and weighing system. The expected result is an effective automatic monitoring system that helps improve productivity and product quality.

Keywords: Automation, Bagging Scale System, Cement Plant